

Math 110

How to Use the TI-30X IIS

How to find the mean, standard deviation, and variance for a list of numbers using the Casio fx-9750G Plus.

Example:

5 5 5 3 1 5 1 3 4 5

Press the following keys:

2nd STAT
1-VAR
Enter
DATA
Input your data.
5↓ ↓
5↓ ↓
5↓ ↓

Continue until all data has been entered.

STATVAR
→ \bar{x} Mean
→ s_x Sample St Dev
→ σ_x Pop St Dev

To find the variance, Press the x^2 Key after you have the standard deviation. Then press the = Key.

To find the mean, standard deviation, and variance from a frequency table.

Example:

| Classes | Frequency |
|-------------|-----------|
| 0.0 - 5.9 | 10 |
| 6.0 - 11.9 | 8 |
| 12.0 - 17.9 | 9 |
| 18.0 - 23.9 | 9 |
| 24.0 - 29.9 | 4 |

PRESS THE FOLLOWING KEYS:

2nd STAT

1-Var Enter

DATA

Input the class midpoint for the x values.

Input the frequency for the y-value.

Find the mean and standard deviation as before,